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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicants: XU, Xueping, et al.

Application No.: 10/712,351

Date Filed: November 13, 2003

Title: **LARGE AREA, UNIFORMLY
LOW DISLOCATION
DENSITY GAN SUBSTRATE
AND PROCESS FOR
MAKING THE SAME**

Docket No.: 4241-685

Conf. No.: 1430

Art Unit: 1775

Examiner: Timothy M. Speer

Customer No.:

23448

FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, First Class Mailed under the provisions of 37 CFR 1.8.

Kate Pope

March 12, 2007

Date of Mailing

**THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN
U.S. PATENT APPLICATION NO. 10/712,351**

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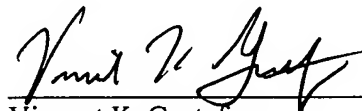
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Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO/SB/08A. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

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Respectfully submitted,



Vincent K. Gustafson
Reg. No. 46,182
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Phone: (919) 419-9350
Fax: (919) 419-9354
Attorney File No.: 4241-685

Enclosures:
IDS Forms [2 pg(s).]
Foreign Patent References [173 pgs.]
Non-Patent References [26 pgs.]

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THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of

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Attorney Docket Number

4241-685

Application Number	10/712,351
Filing Date	11/13/2003
First Named Inventor	Xu et al.
Art Unit	1775
Examiner Name	Timothy M. Speer

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO - 03/043150 - A1	05-22-2003	Dwilinsky, Robert, et al.		
		WO - 02/01608 - A2	01-03-2002	Flynn, Jeffrey S., et al.		
		EP - 1 249 522 - A2	10-16-2002	Motoki, Kensaku, et al.		

Date
Considered

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				Application Number	10/712,351
				Filing Date	11/13/2003
				First Named Inventor	Xu et al.
				Art Unit	1775
				Examiner Name	Timothy M. Speer
Sheet	2	of	2	Attorney Docket Number	4241-685

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HIRAMATSU, KAZUMASA, ET AL., Fabrication and characterization of low defect density GaN using facet-controlled epitaxial lateral overgrowth (FACELO) , J. Crys. Growth, December 2000, Page(s) 316-326, Volume 221, Number 1-4	
		MOTOKI, KENSAKU, ET AL., Preparation of large GaN substrates , Mater. Sci. Eng. B, May 30, 2002, Page(s) 123-130, Volume 93, Number 1-3	
		VENNEGUES, P., ET AL., Reduction mechanisms for defect densities in GaN using one- or two-step epitaxial lateral overgrowth methods, J. Appl. Phys., May 1, 2000, Page(s) 4175-4181, Volume 87, Number 9	

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